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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

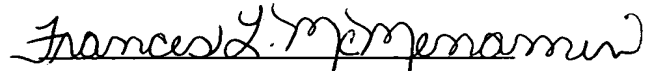
In re the Application of : **Docket 0074-510506**
 :
PAUL TERENCE CALLAGHAN et al. : **Confirmation No. 4460**
 :
 U.S. Appln. No. 10/520,862 :
 International Appln. No. PCT/NZ2003/000149 :
 :
 International Filing Date: 11 July 2003 :
 :
 For: **NMR APPARATUS** :

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this Correspondence is being deposited on **December 19, 2005** with the United States Postal Service as first-class mail in an envelope properly addressed to COMMISSIONER FOR PATENTS, Alexandria, Virginia 22313-1450.

December 19, 2005

Date of Certificate



Frances L. McMenamin

Commissioner for Patents
 Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 C.F.R. §1.56, Applicants hereby submit copies of the documents, other than U.S. patents and/or published U.S. applications, listed on the attached PTO-1449. The above-identified application entered the U.S. national phase after June 30, 2003. Therefore, copies of the U.S. patents and/or published U.S. applications listed on Form PTO-1449 are not included (see O.G. Notice, Aug. 5, 2003). The Examiner is requested to consider these documents and make them of record in the above-identified application.

Please note that this application is the U.S. national phase of International Patent Application No. PCT/NZ2003/000149, filed 11 July 2003. An International Search Report was established for this international application and a copy of the


U.S. Application No. 10/520,862
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International Search Report was received by the U.S. Patent and Trademark Office from the International Bureau.

Applicants respectfully request full and proper consideration of the listed information during examination of the application, and that the listed information be printed on any patent which issues therefrom.

Respectfully submitted,

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Enclosure: Form PTO-1449
Copies of listed documents (other than US patents/published patent applications)

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT(S) (Use several sheets if necessary)	ATTY. DOCKET NO. 0074-510506	APPL. NO. 10/520,862
	APPLICANT PAUL TERENCE CALLAGHAN et al.	
	FILING DATE Intl Filing Date 11 July 2003	GROUP

U.S. PATENT DOCUMENTS

Examiner Initial	DOCUMENT NUMBER								DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	4	5	2	8	5	0	9	07/1985	RADDA ET AL.				
	4	7	1	0	7	1	3	12/1987	STRIKMAN				
	4	7	5	8	8	1	3	07/1988	HOLSINGER ET AL.				
	5	1	2	6	6	7	4	06/1992	MILLER ET AL.				
	5	1	4	8	1	3	8	09/1992	MIYATA				
	5	2	3	7	3	0	1	08/1993	UNKELBACH ET AL.				
	5	5	3	0	3	5	5	06/1996	DOTY				
	5	6	4	6	5	2	8	07/1997	HANLEY				
	5	6	6	0	7	4	4	08/1997	SEKINE ET AL.				
	5	6	7	2	9	6	8	09/1997	MILLER ET AL.				
	5	6	9	9	8	0	1	12/1997	ATALAR ET AL.				
	5	7	3	9	6	8	8	04/1998	KRIEG				
	5	9	0	0	7	9	3	05/1999	KATZNELSON ET AL.				
	5	9	5	9	4	5	4	09/1999	WESTPHAL ET AL.				
	6	0	8	1	1	1	6	06/2000	WU ET AL.				
	6	1	6	3	1	5	4	12/2000	ANDERSON ET AL.				
	6	3	4	8	7	9	2	02/2002	BEARD ET AL.				
	6	4	0	4	1	9	7	06/2002	ANDERSON ET AL.				

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	1	7	1	9	3	1			03/1989	EP			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		P.J. PRADO, "NMR hand-held moisture sensor", Magnetic Resonance Imaging (pp 505-508), (2001)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw 1 citation if not in conformance and not considered. Include copy of this form with next communication to